

## 2023 高分子國際研討會會議議程/ Trilateral Conference Scientific Program

Jan. 17 (Tuesday)

Time	No.	Speech Topic/Speaker	Coordinator
13:30-13:40		<b>Opening Remark</b> Jyh-Chien Chen (General Secretary, Taiwan Polymer Society)	<b>Jyh-Chien Chen</b> (National Taiwan University of Science and Technology)
13:40-14:10	KN-1	<b>Static and Dynamic Behaviors of Polymer Nanostructures studied by Advanced Transmission Electron Microscopy</b> Hiroshi Jinnai (Tohoku University, Japan)	
14:10-14:40	KN-2	<b>Design Strategy of Organic Semiconducting Materials for Organic Electronics</b> Yun-Hi Kim (Gyeongsang National University, Korea)	
14:40-15:10	KN-3	<b>Meldrum's acid in polymer synthesis and functional polymers thereof</b> Ying-Ling Liu (National Tsing Hua University, Taiwan)	
15:10-15:40	Coffee Break		
15:40-16:10	KN-4	<b>Characterization of polymer network structure controlled by coordination bond geometries</b> Daewon Sohn (Hanyang University, Korea)	<b>James Lai</b> (National Taiwan University of Science and Technology)
16:10-16:40	KN-5	<b>Biomimetic materials for medical applications</b> Suzie Hwang Pun (University of Washington, USA)	
16:40-17:00	IS-1	<b>Development of sustained release drug delivery system for glaucoma treatment</b> Yung-Hsin Cheng (National Taiwan University of Science and Technology, Taiwan)	
17:00-17:20	IS-2	<b>Designing tissue-adhesive biomaterials toward preventing postoperative complications</b> Akihiro Nishiguchi (National Institute for Materials Science, Japan)	

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09:20-09:40	IS-3	<b>Surface Modification of Perovskite Nanocrystals with Multifunctional Polymer Ligands</b> Joona Bang (Korea University, Korea)	<b>Cheng-Liang Liu</b> (National Taiwan University)
09:40-10:00	IS-4	<b>Supramolecular two-dimensional materials for biological applications</b> Yongju Kim (Korea University, Korea)	
10:00-10:20	IS-5	<b>Design and synthesis of conjugated polymers for the nature-inspired electronics and energy</b> Ho-Hsiu Chou (National Tsing Hua University, Taiwan)	
10:20-10:40	Coffee Break		
10:40-11:00	IS-6	<b>Creation of Near-Infrared Emissive <math>\pi</math>-Conjugated Polymers Based on Hypervalent Compounds</b> Masayuki Gon (Kyoto University, Japan)	<b>Shih-Huang Tung</b> (National Taiwan University)
11:00-11:20	IS-7	<b>Negative Energetic Elasticity in Polymer Gels</b> Naoyuki Sakumichi (The University of Tokyo, Japan)	
11:20-11:40	IS-8	<b>Fabrication of Frog-Skin-Inspired Slippery Antibiofouling Coatings Through Degradable Block Copolymer Wrinkling</b> Han-Yu Hsueh (National Chung Hsing University, Taiwan)	
11:40-12:00	IS-9	<b>Creation of polymeric pollen grain as a micro-actuator using anisotropic polymerization of liquid crystal mesogens</b> Dae Seok Kim (Pukyong National University, Korea)	
12:00-13:30	Lunch Break		
13:30-13:50	IS-10	<b>Electrostatically driven self-assembly of charged block-copolymers: stabilization and ion dynamics</b> Chang Yun Son (Pohang University of Science and Technology, Korea)	<b>Jiun-Tai Chen</b> (National Yang Ming Chiao Tung University)
13:50-14:10	IS-11	<b>Patterning and Actuating Soft Materials Toward Functional Surfaces and Soft Devices</b> Sungjune Park (Jeonbuk National University, Korea)	
14:10-14:30	IS-12	<b>Raman Spectroscopic Study of Microscopic Deformation Behavior of Semi-Crystalline Polymeric Solids</b> Takumitsu Kida (Japan Advanced Institute of Science and Technology, Japan)	
14:30-14:50	IS-13	<b>Structural Design of Intrinsically Stretchable Conjugated Polymers for Field-Effect Transistor Applications</b> Yan-Cheng Lin (National Cheng Kung University, Taiwan)	
14:50-15:00		<b>Closing Remark</b>	

